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Model Number: SMART1500LCDT

Smart LCD 1500VA Tower Line-Interactive 120V UPS with LCD display and USB port

Highlights

- 1500VA / 1.5kVA tower 120V line interactive UPS with LCD display
- Maintains AC output during power failures
- Corrects brownouts and overvoltages from 92-150V
- LCD interface offers detailed UPS status and site power information
- USB interface, TEL/DSL/ethernet and coax line surge suppression
- NEMA 5-15P input plug and 10 NEMA 5-15R outlets

Description

Tripp Lite's SMART1500LCDT Line-Interactive Tower UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, network workstations, home entertainment systems and media centers. Internal UPS circuits support entry-level PCs or individual VCR/DVR components during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits continuously regulate brownouts and overvoltages from 92V to 150V back to usable levels, all while maintaining a full battery charge. Offers complete power protection in an attractive all-black cabinet design. Includes 10 built-in outlets, 5 with full battery backup and surge suppression for vital system components and another 5 with surge-suppression only for accessories not requiring battery support. Built-in USB port and included cable enables optional unattended system shutdown without data loss in case of extended power failure. PowerAlert software is available via free download from www.tripplite.com. HID-compliant USB interface also enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in surge dataline surge suppression jacks protect equipment with single-line dialup/DSL or network Ethernet connection. Built-in audible alarm and large LCD front panel display offers easy to read icon-based status indicators and detailed numeric data regarding input voltage, output voltage, frequency, load percentage, load watts, battery voltage and runtime in minutes. 1500VA/900W power-handling capacity supports entry-level PCs, home entertainment systems, network workstations and audio/video components.

Package Includes

- SMART1500LCDT UPS
- USB cabling
- Manual with warranty information

Features

- SMART1500LCDT line interactive UPS offers network-grade voltage regulation, surge suppression and long lasting battery support
- 10 built-in NEMA 5-15R outlets, 5 with UPS and surge suppression for vital components and 5 additional outlets with surge-only protection for devices not requiring battery support
- NEMA 5-15P input plug; 6ft / 1.8m line cord
- Maintains operation of connected equipment to prevent data loss, equipment damage and downtime associated with power failures and severe voltage fluctuations
- Line Interactive Automatic Voltage Regulation / AVR circuits continuously correct brownouts and overvoltages from 92 to 150V without using battery power
- Network-grade AC surge suppression protects equipment from damage and performance problems resulting from transient surges
- Offers 10 minutes runtime at 50% load (450 watts)
- Supports an entry level desktop system with LCD screen for up to 90 minutes during power failures (75 watts)
- LCD display continuously reports operating mode and battery charge level, plus additional UPS and site power data, such as input & output voltage, frequency, load percentage, load watts, battery voltage and estimated runtime in minutes
- USB monitoring port enables optional unattended system shutdown using PowerAlert UPS management software available via free download from www.tripplite.com

- HID-compliant USB interface also enables automatic integration with built-in power management and auto shutdown features of Windows and Mac OSX
- Built-in data line surge suppression offers protection for equipment with single-line dialup or network ethernet connection, plus one set of coax jacks for CATV / broadcast line protection

Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	1500
Output kVA capacity (kVA)	1.5
Output Watt Capacity (watts)	900
Nominal Output Voltage(s) Supported	120V
Frequency compatibility	50 / 60 Hz
Output voltage regulation (line mode)	-10%, +6%
Output voltage regulation (Battery mode)	+/- 5%
Built-in UPS output receptacles	10 5-15R outlet(s)
Surge suppression only outlets	5 UPS outlets, 5 surge-only outlets
Output AC waveform (AC mode)	Sine wave
Output AC waveform (battery mode)	PWM sine wave
INPUT	
Rated input current (at maximum load)	12A
Nominal Input Voltage(s) Supported	120V AC
UPS input connection type	5-15P
Input circuit breaker	20A
UPS Input cord length (ft.)	6
UPS Input cord length (m)	1.8
Recommended Electrical Service	15A 120V
Phase	Single-Phase
BATTERY	
Half load runtime (minutes)	10 minutes (450 watts)

DC system voltage (VDC)	24
Battery recharge rate (included batteries)	Less than 8 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC51 (requires 2)
VOLTAGE REGULATION	
Voltage regulation description	Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 92 to 150
Overvoltage correction	Input voltages between 129 and 147 are reduced by 15%
Undervoltage correction	Input voltages between 92 and 108 are boosted by 18%
LEDS ALARMS & SWITCHES	
Front panel LCD display	LCD screen with scroll buttons indicates Input voltage, Output voltage, Frequency (Hz), AVR boost / cut status, Output load in watts, Output load percentage, Output load in watts, Battery voltage and Estimated runtime in minutes
Alarms	Audible alarm indicates power-failure and low-battery conditions
Alarm cancel operation	Power-fail alarm can be silenced using alarm-cancel switch
Switches	Power switch offers whole UPS power control; Scroll/mute button enables LCD selection options and silences audible alarm; Test button initiates self test
SURGE / NOISE SUPPRESSION	
UPS AC suppression joule rating	650
UPS AC suppression response time	Instantaneous
UPS Dataline suppression	1 line TEL/DSL (1 in / 1 out); 10/100Base T Ethernet; Coax jacks (1 set)
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Installation form factors supported with included accessories	Tower
Primary form factor	Tower
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	8 x 5.75 x 15.4
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	20.3 x 14.6 x 39.1
UPS / Power Module weight (lbs)	27
UPS / Power Module weight (kg)	12.3

UPS Shipping dimensions (height x width x depth / inches)	9 x 11.25 x 19.25
UPS Shipping dimensions (height x width x depth / cm)	22.9 x 28.6 x 48.9
Shipping weight (lbs)	29.4
Shipping weight (kg)	13.3
Cooling method	Fan
ENVIRONMENTAL	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC mode efficiency rating (100% load)	95%
COMMUNICATIONS	
Communications interface	USB (HID enabled)
Network monitoring port description	Supports detailed monitoring of UPS and site power conditions
PowerAlert software	Free download from www.tripplite.com
Communications cable	USB and DB9 Serial cabling included
WatchDog compatibility	Supports Watchdog application, OS and hard-reboot restart options for remote applications
LINE / BATTERY TRANSFER	
Transfer time	2 milliseconds (AC to battery mode), 6 milliseconds (battery to AC mode)
Low voltage transfer to battery power (setpoint)	92
High voltage transfer to battery power (setpoint)	150
SPECIAL FEATURES	
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
High availability UPS features	hot-swap batteries
Green & high efficiency features	Greater than 95% efficiency - GREEN UPS
CERTIFICATIONS	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category A (EMI)
WARRANTY	

Product Warranty Period (U.S. & Canada)	3-year limited warranty
Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	3-year limited warranty
Product Warranty Period (Puerto Rico)	3-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$250,000 Ultimate Lifetime Insurance

Related Items

Optional Products

Related Model	Description	Qty.
WEXT5-500-1500	5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less	1
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at http://www.tripplite.com/sku/SMART1500LCDT.

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